

NAEP 2009 Mathematics Arizona

Carrie L. Giovannone
Arizona Director of NAEP Program
Carrie.Giovannone@azed.gov
602-364-1583



Grade 4 students showed an increase since 2000

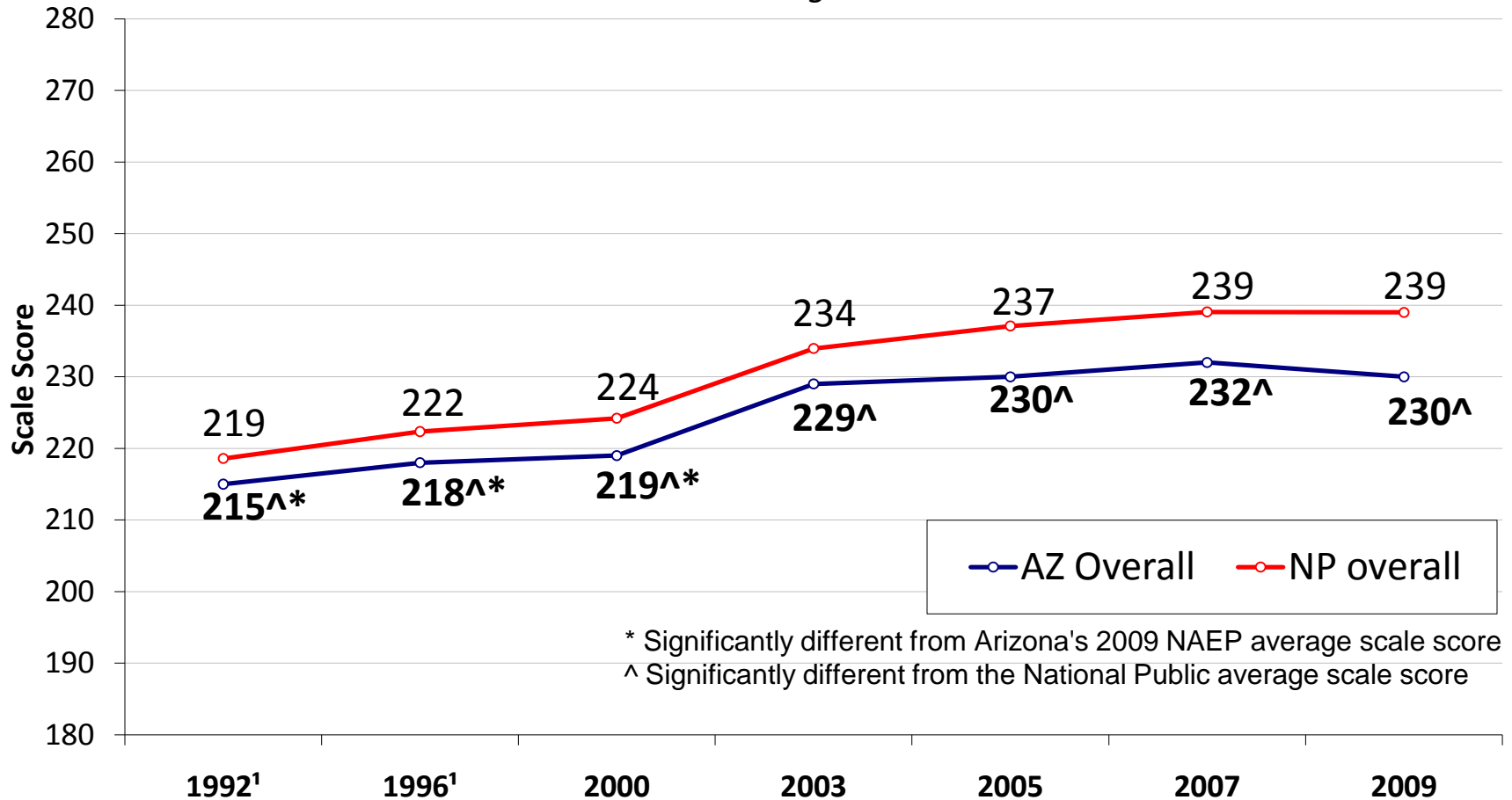
- The **average score for students** in Arizona in 2009 (230) was significantly higher from their average score in 2000 (219).
- The percentage of students in Arizona who performed **at or above the NAEP *Proficient* level** was 28 percent in 2009. This percentage was greater than in 2000 (16 percent).
- The percentage of students in Arizona who performed **at or above the NAEP *Basic* level** was 71 percent in 2009. This percentage was greater than in 2000 (57 percent).
- **AZ ELL Grade 4 students** scored (201) significantly higher than their peers in 2000 (195).

Grade 8 students showed an increase since 2003

- The **average score for Grade 8 students** in Arizona in 2009 (277) was higher than their average score in 2003 (271).
- The percentage of students in Arizona who performed **at or above the NAEP *Proficient* level** was 29 percent in 2009. This percentage was greater than in 2003 (21 percent).
- The percentage of students in Arizona who performed **at or above the NAEP *Basic* level** was 67 percent in 2009. This percentage was greater than in 2003 (61 percent).
- The Grade 8 students at the **25th, 50th, and 75th percentiles** scored significantly higher than their peers in 2003.

Grade 4 – Overall

Mathematics Average Scale Score: 1992-2009



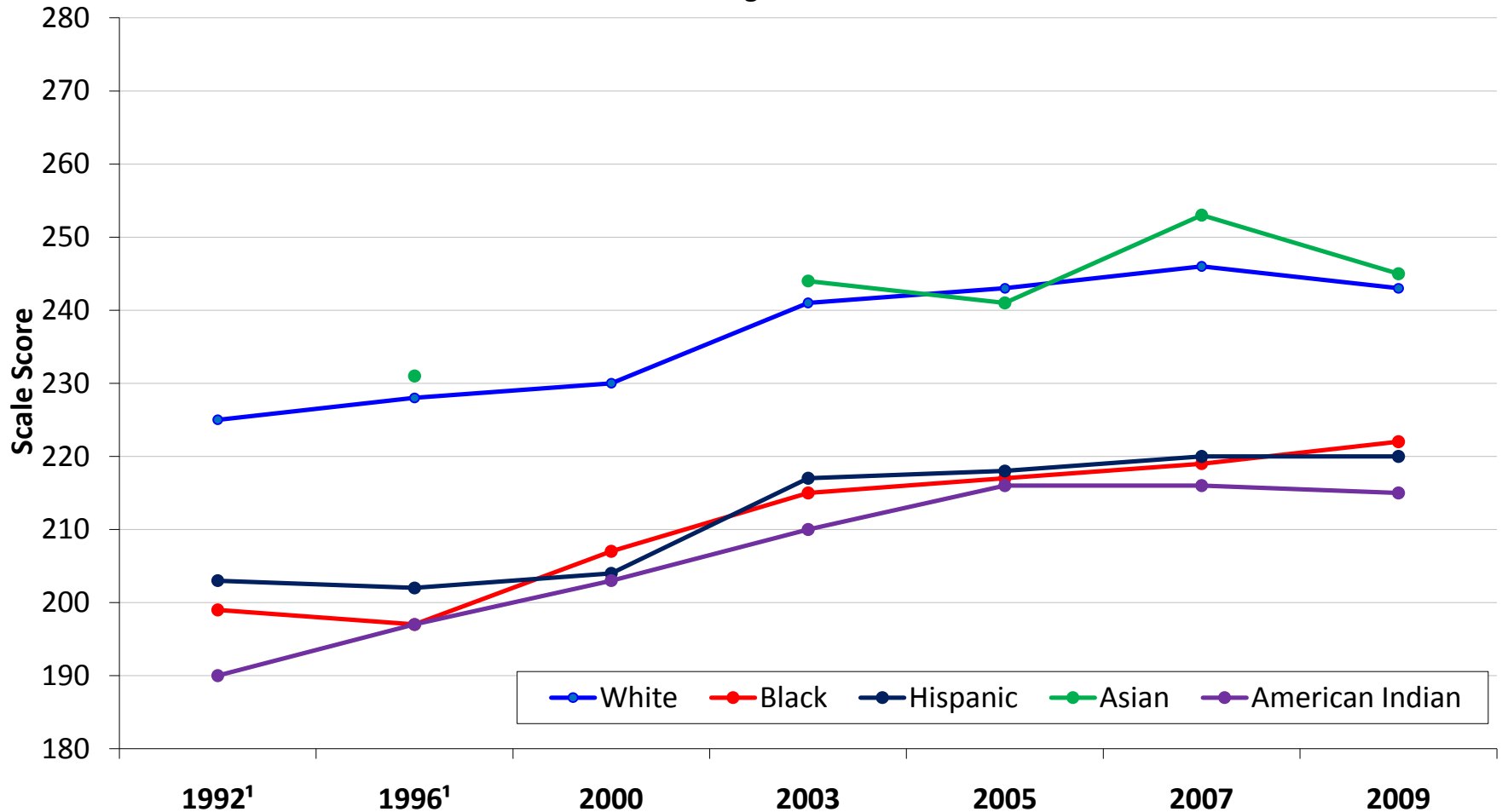
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress.

Arizona Grade 4 – Race/Ethnicity

Mathematics Average Scale Score: 1992-2009



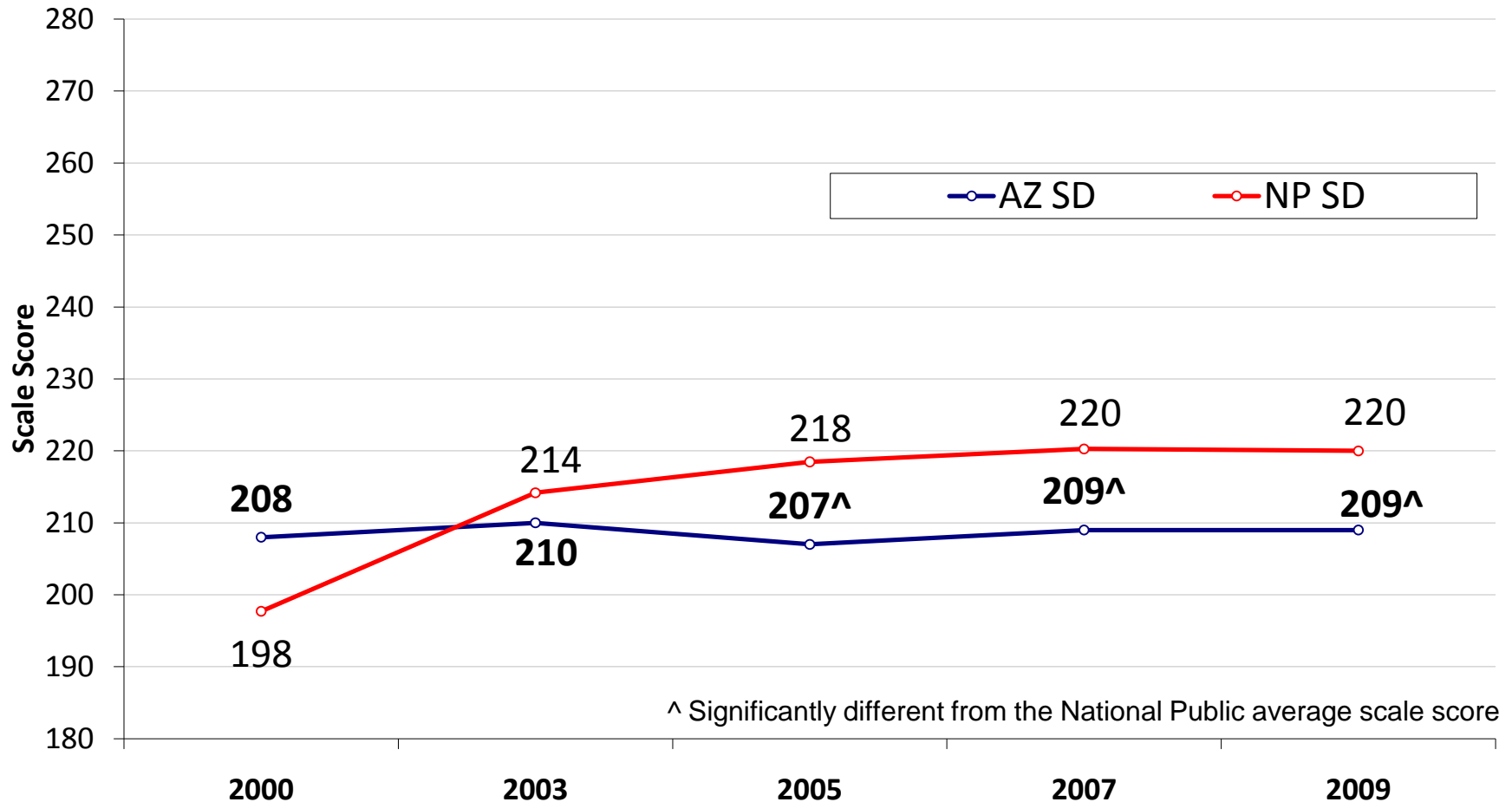
¹ Accommodations not permitted.

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SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress

Grade 4 – Students with Disabilities

Mathematics Average Scale Score: 2000-2009

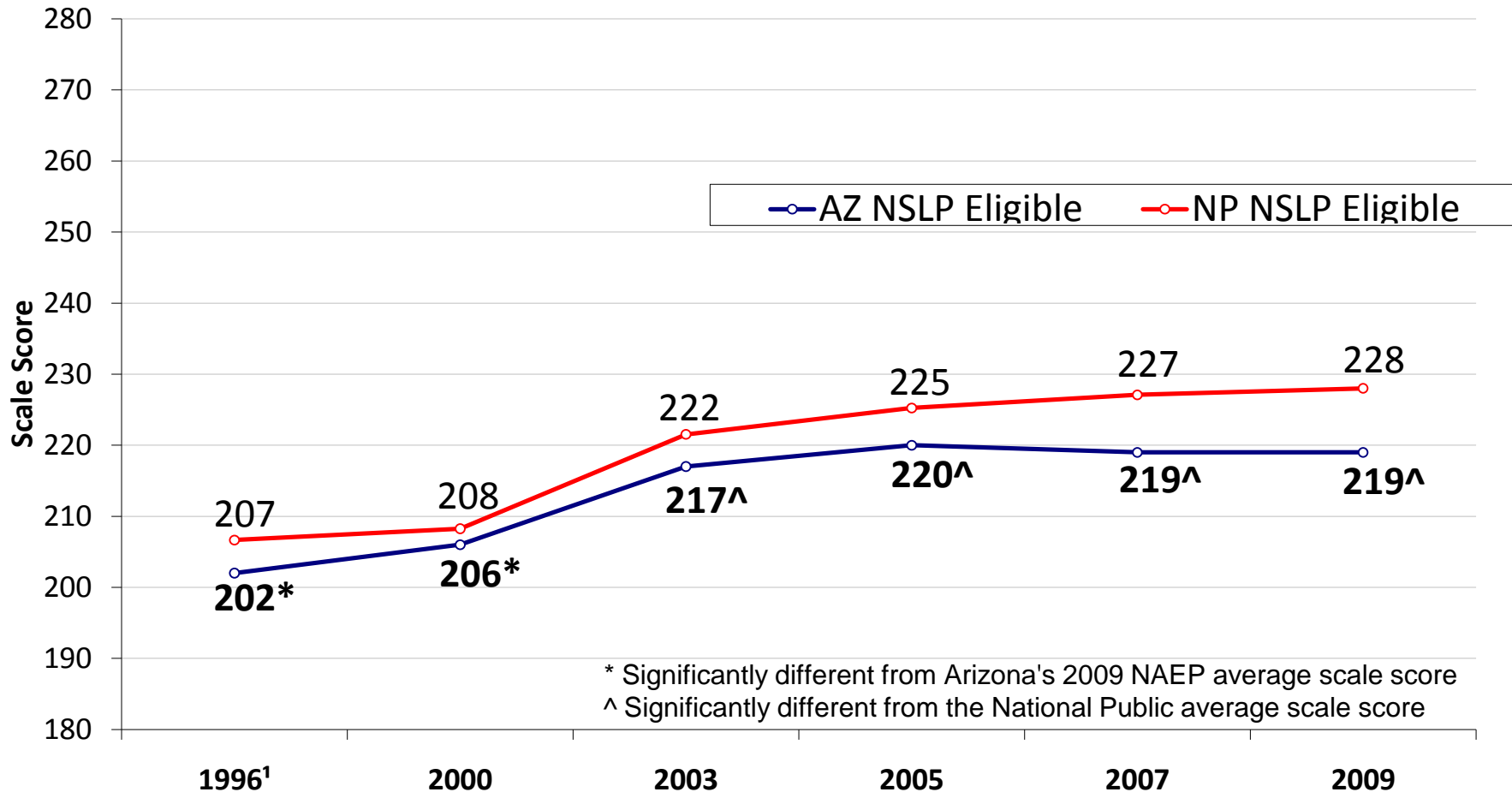


NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress

Grade 4 – National School Lunch Program

Mathematics Average Scale Score: 1996-2009



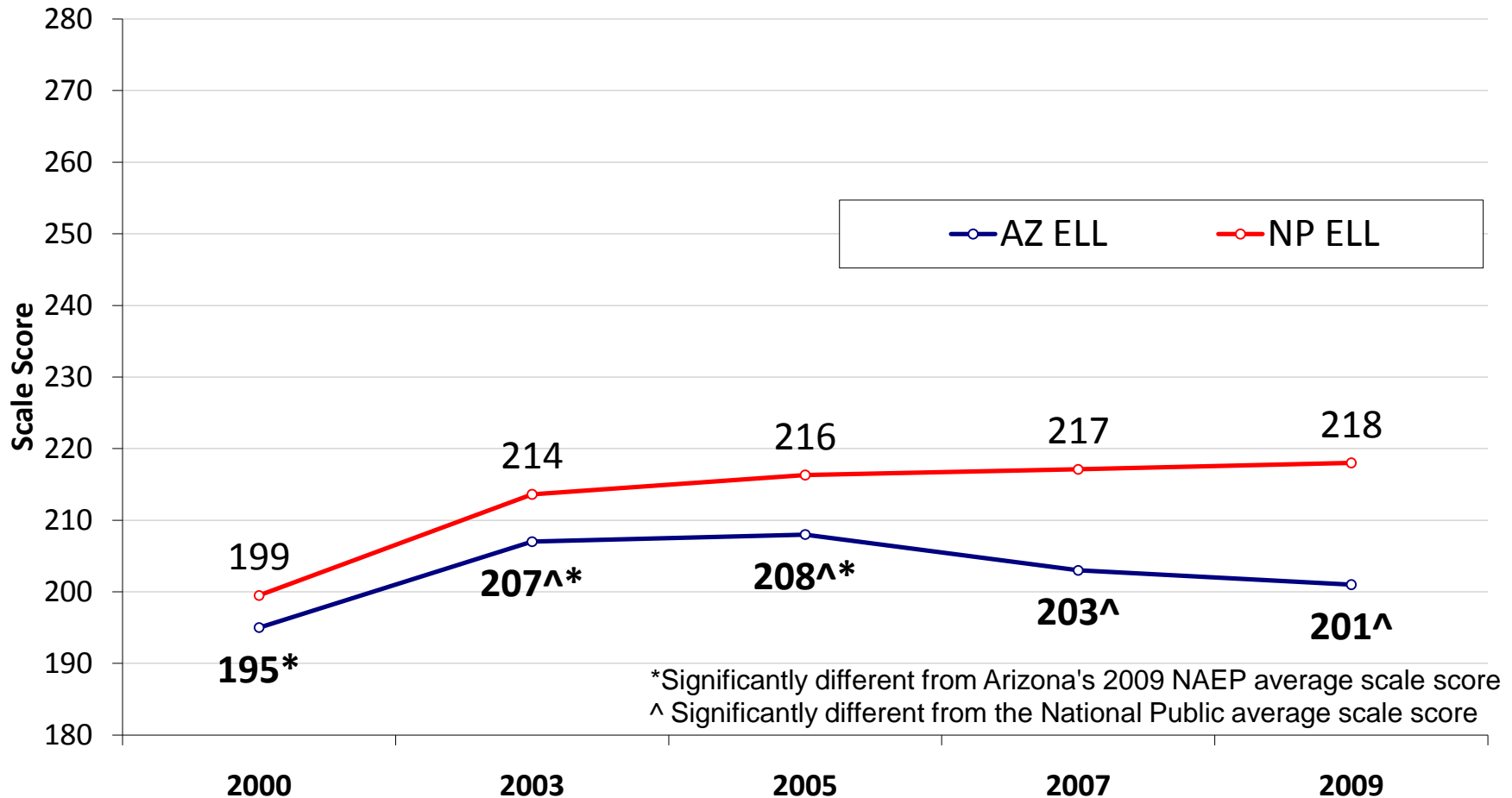
¹ Accommodations not permitted.

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SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress

Grade 4 – English Language Learners

Mathematics Average Scale Score: 2000-2009

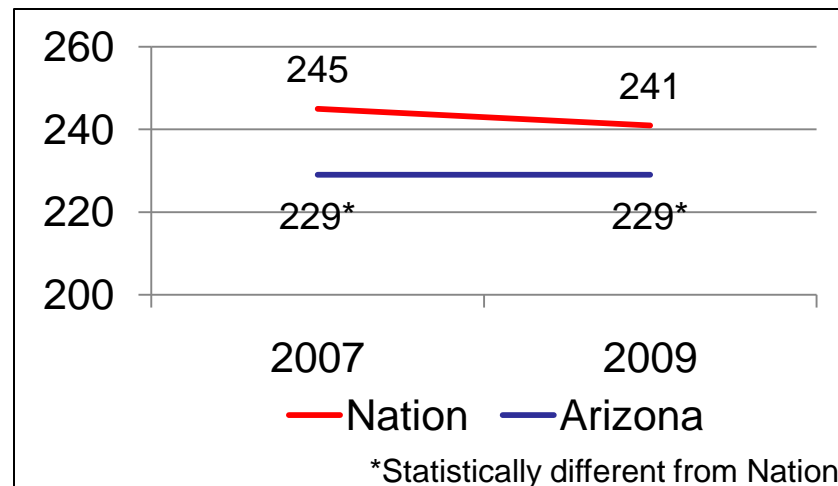
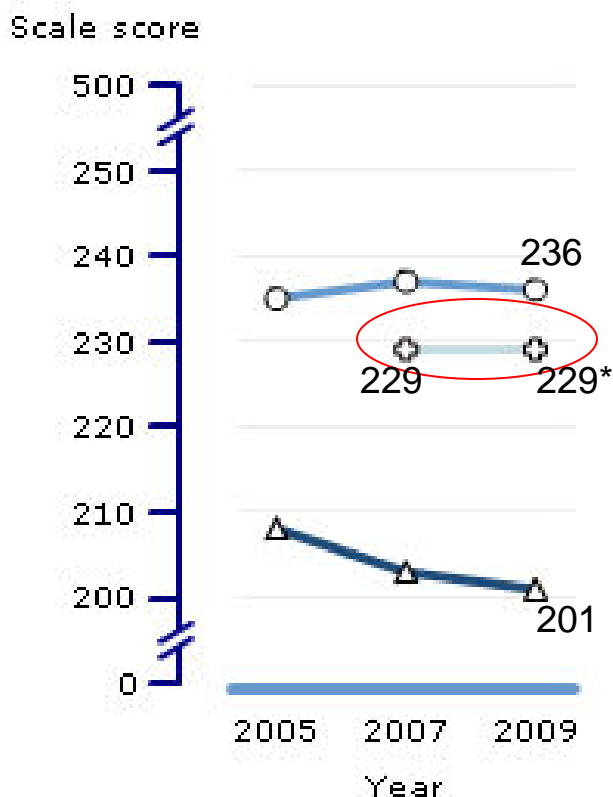


NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress

Arizona Grade 4 – Formerly ELL

Formerly ELL Students – students that exited the ELL program within the last two years

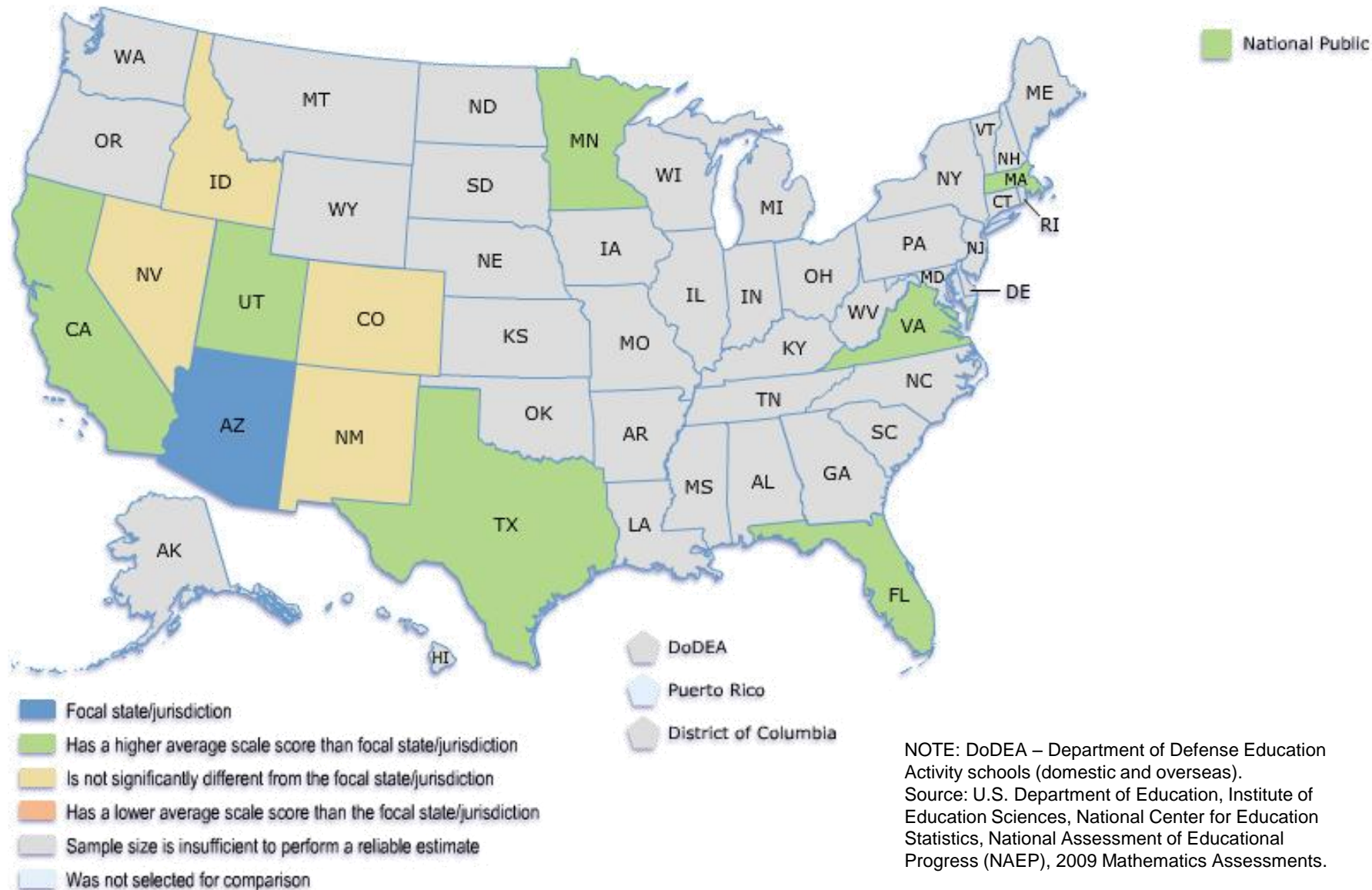


Arizona Grade 4	%
ELL	15
Non-ELL	76
Formerly ELL	9

△ Yes ○ No + Formerly ELL +

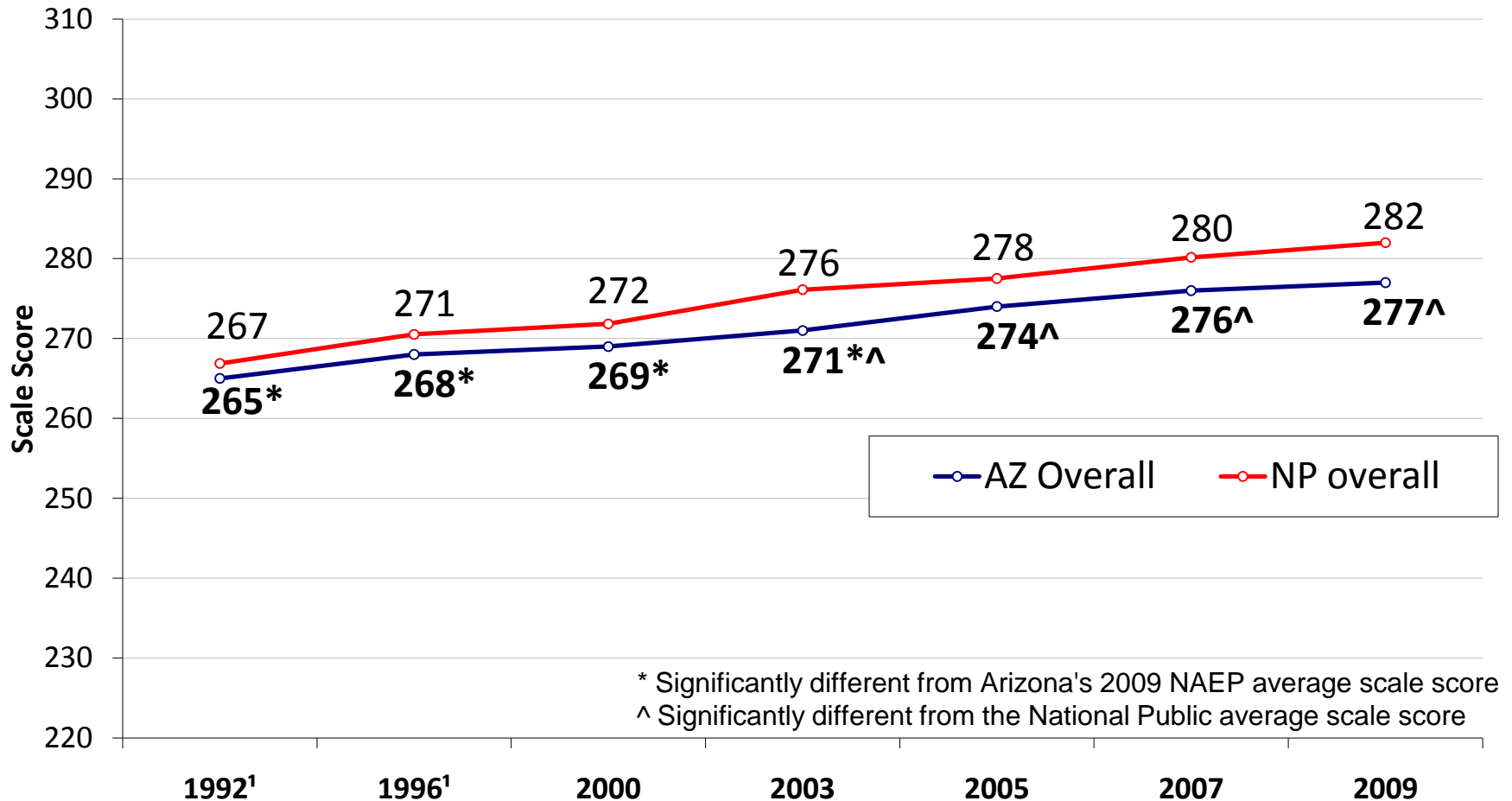
*Statistically different from the "No" category

Grade 4 – Formerly ELL



Grade 8 - Overall

Mathematics Average Scale Score: 1992-2009



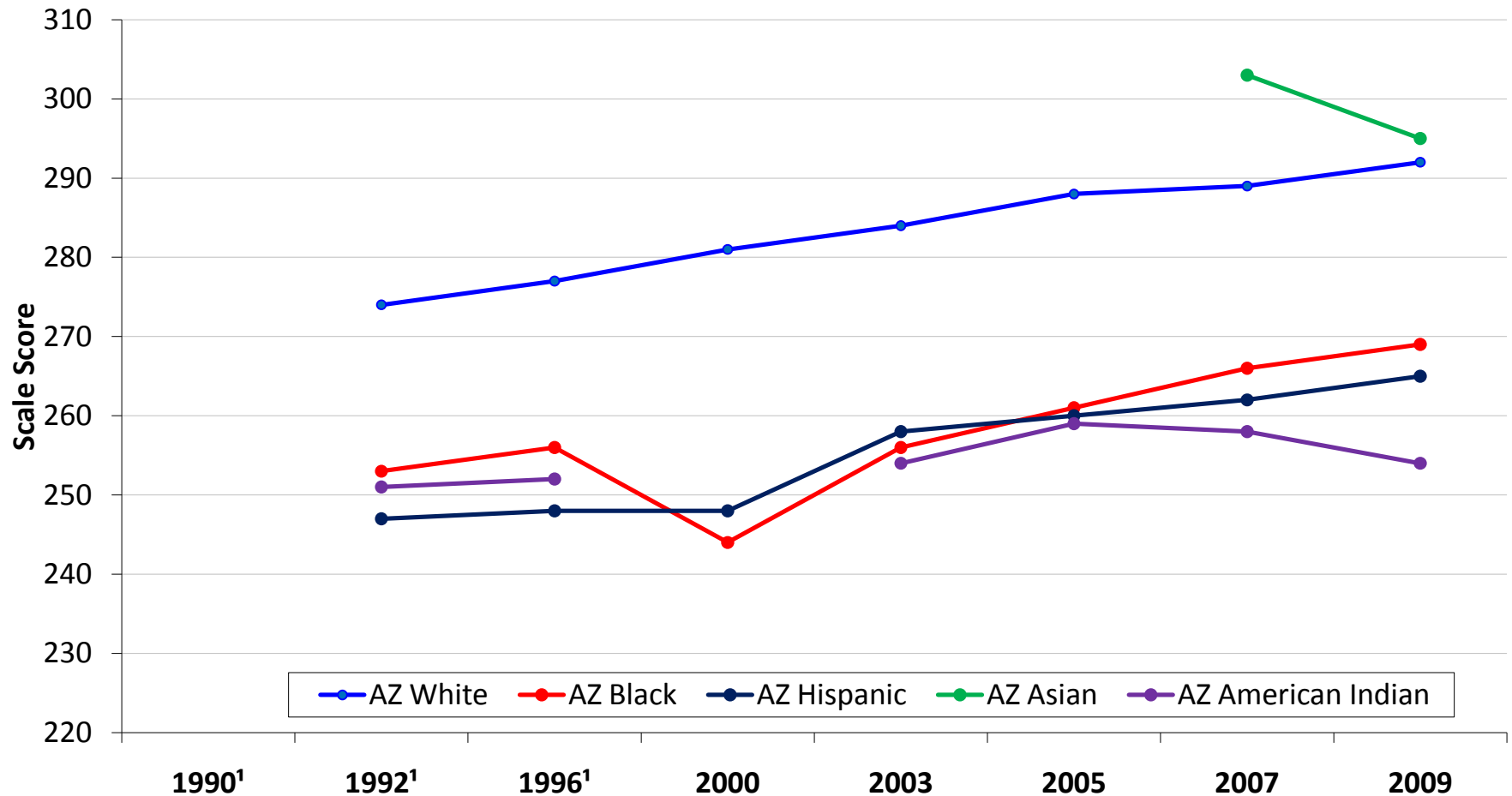
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress

Arizona Grade 8 – Race/Ethnicity

Mathematics Average Scale Score: 1990-2009



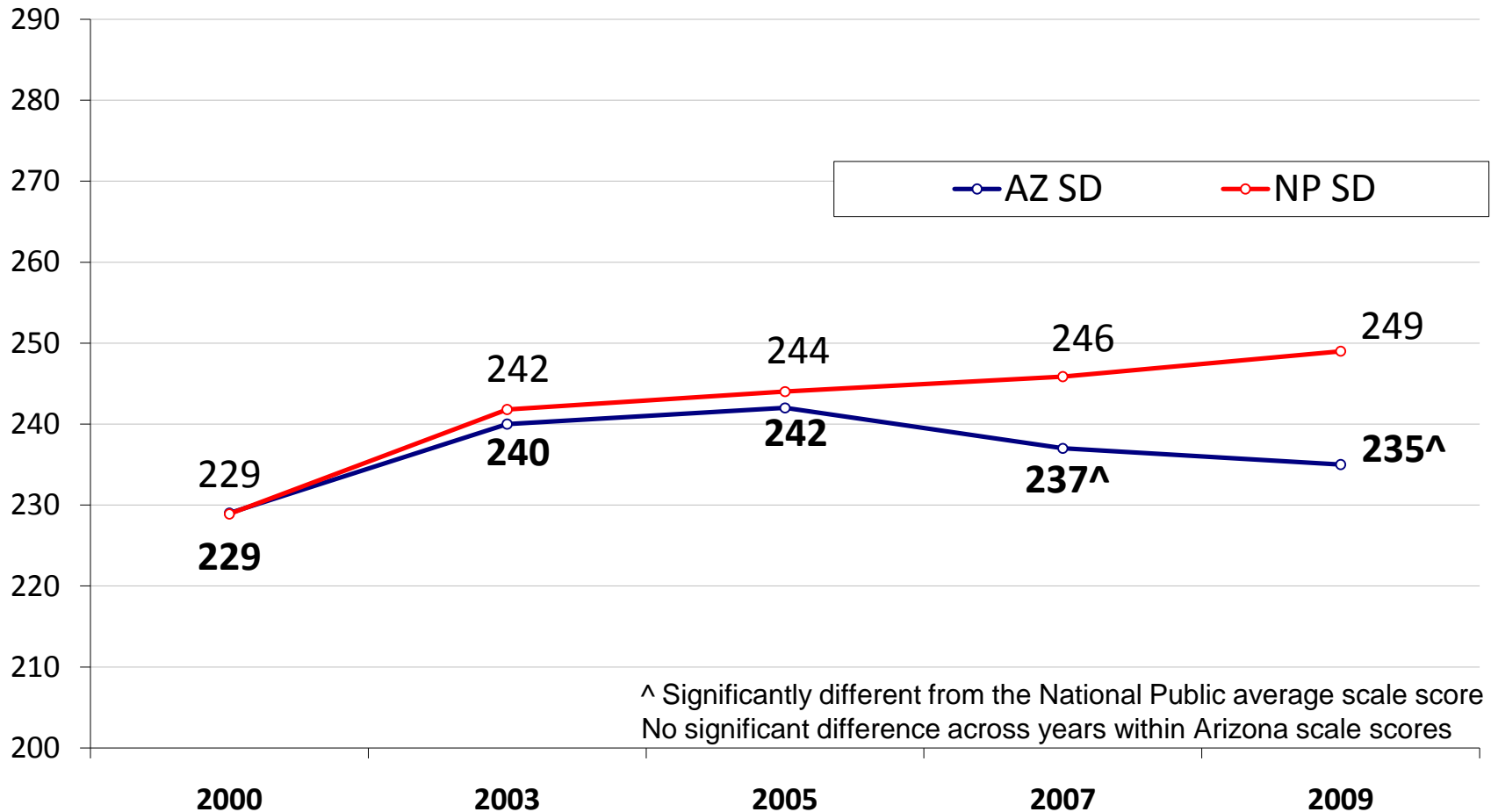
¹ Accommodations not permitted.

NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress

Grade 8 –Students with Disabilities

Mathematics Average Scale Score: 2000-2009

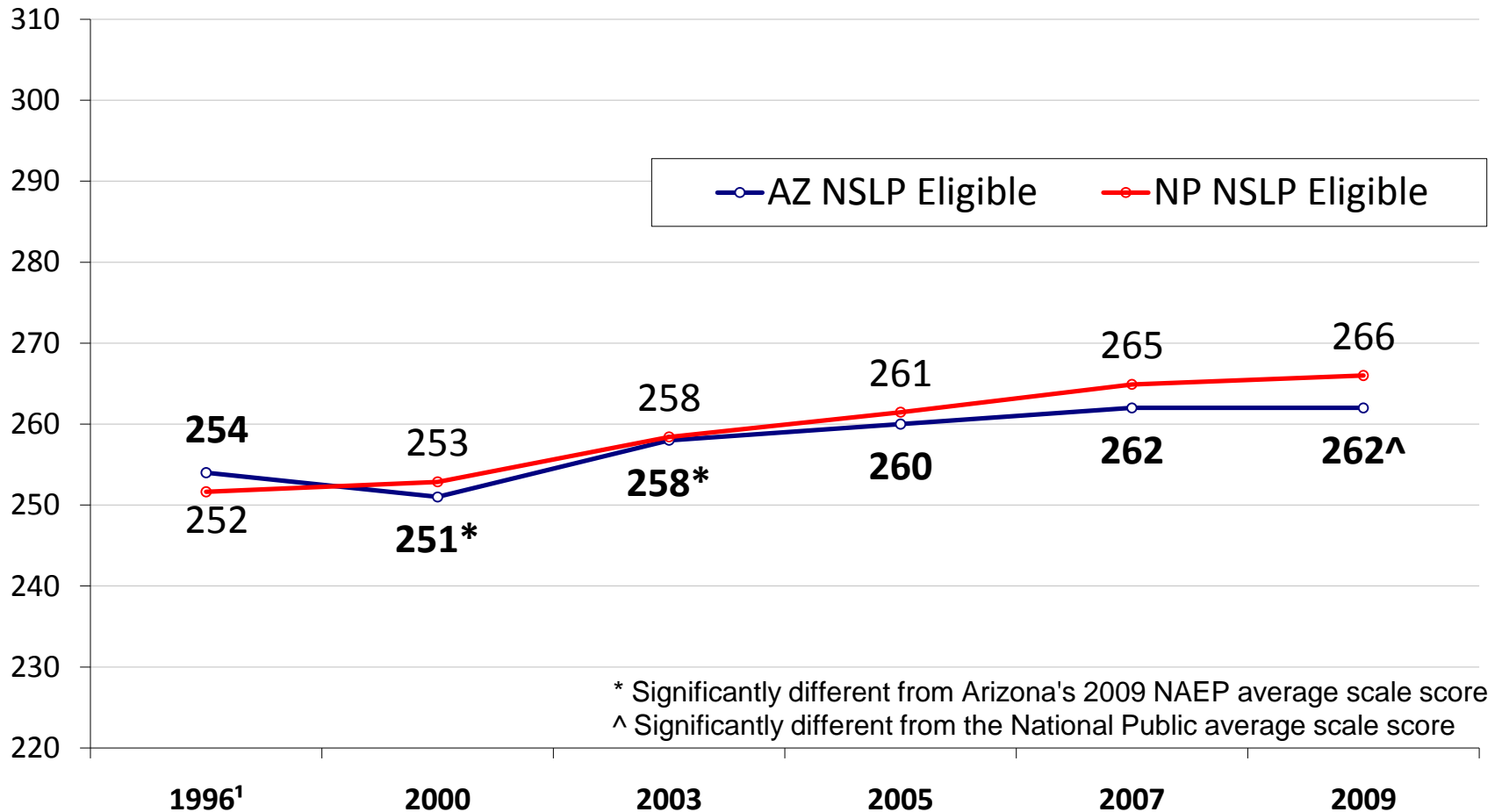


NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress

Grade 8 – National School Lunch Program

Mathematics Average Scale Score: 1996-2009



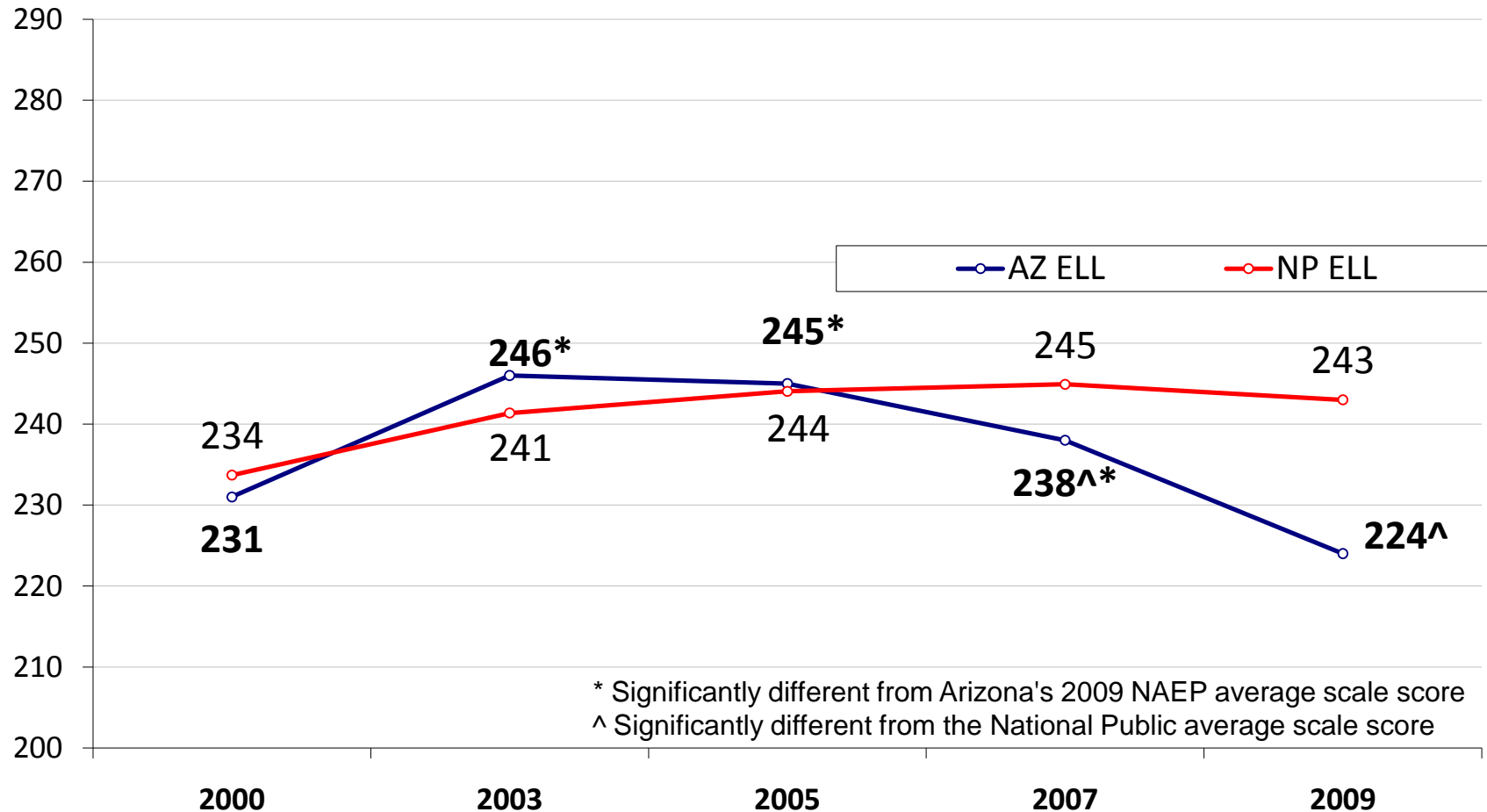
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NOTE: The NAEP Mathematics scale ranges from 0 to 500. Observed differences are not necessarily statistically significant.

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Grade 8 – English Language Learners

Mathematics Average Scale Score: 2000-2009

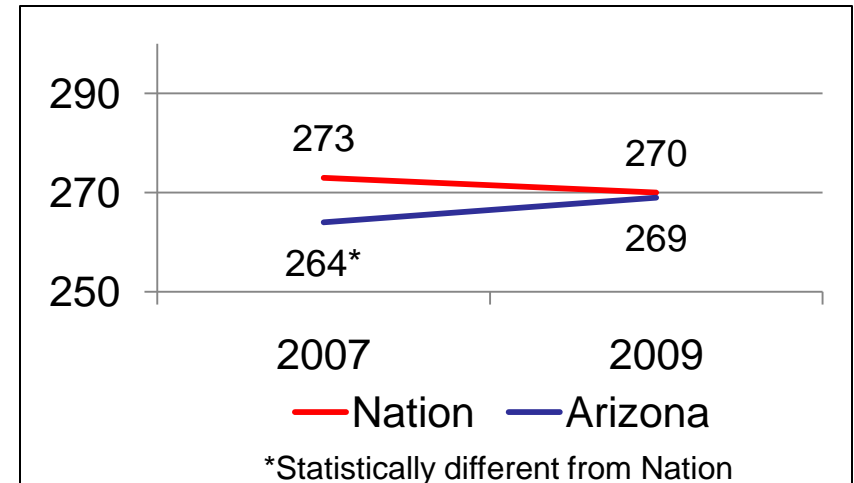
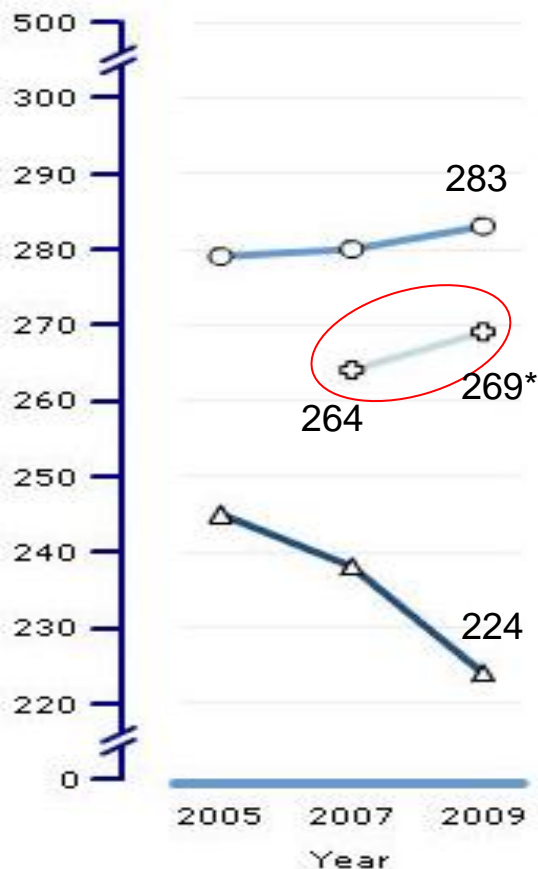


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Grade 8 – Formerly ELL

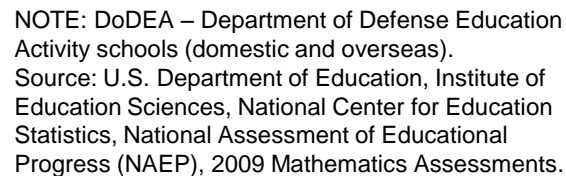
Formerly ELL Students – students that exited the ELL program within the last two years



Arizona Grade 8	%
ELL	6
Non-ELL	81
Formerly ELL	13

△ Yes ○ No + Formerly ELL *

*Statistically different from the "No" category



***Feel free to call or email us if you
have any questions or would like
addition NAEP data***

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